Journal of Pharmcokinetics and Biopharmaceutics, Vol. 19, No. 6, 1991

Author Index to Volume 19

Aarons, Leon, 265, 333, 485
Affrime, Melton B., 413
Aizawa, Kazumasa, 597
Allerheiligen, Sandra R. B., 101S
Antal, Edward, J., 9S, 37S, 93S
Aristorena, Juan-Carlos, 647

Bailey, James M., 635
Beal, Stuart, L., 319
Beck, James S., 473
Benet, Leslie Z., 597
Bernareggi, Alberto, 21
Bloedow, Duane C., 385
Boddy, Alan V., 355, 373
Brouwer, Kim L. R., 189
Brunden, Marshall N., 413
Bradwell, Arthur R., 227
Bührer, M., 377
Bunn, Jr., Paul A., 385
Burk, Raymond F., 101S

Chapell, Michael J., 227
Charter, Michael K., 497
Cheng, Haiyung, 521
Clementi, William A., 79S
Coldwell, James, 713
Crouet, William R., 271

Daley-Yates, Peter T., 175
Danhof, Meindert, 123, 485, 617
Dienhart, David G., 385
Donati, François, 537
Dubray, Claude, 287

Ebling, William F., 123
Ereshefsky, Larry, 93S
Evans, R. Lee, 93S

Francheteau, Patrice, 287
Fu, Chauhwei J., 157
Furuta, Takashi, 113

Ganes, Derek A., 413
Garcia-Carbonell, M. Carmen, 647
Godfrey, Keith M., 227
Gonzalez-Younes, Iraida, 413
Gonzalez, Rene, 385
Grasela, Jr., Thaddeus R., 9S, 11S, 87
Guedes, Jean-Paul, 271
Gull, S. F., 497

Hale, Victoria G., 597
Hashimoto, Yukiya, 333
Hartmann, Claudia, 385
He, Yan-Ling, 51, 667
Hetrick, David M., 1
Hori, Ryohei, 51, 667
Hug, Jr., Carl C., 145
Hunt, C. Anthony, 363

Jarabek, A. M., 1
Johnson, Tim K., 385
Jusko, William J., 521

Kamiya, Akira, 51, 667
Kasliwal, Ravindra, 385
Kasuya, Yasuji, 113
Kewitz, Helmut, 553
Kitts, Jack, 713
Kurita, Masahiro, 469

Lajiness, Michael S., 457
Lavene, Daniele, 287
Looby, Michael, 553
Ludden, Thomas M., 101S

MacGregor, Roderick, D., 363
Maitre, Pierre O., 377
Mandema, Jaap W., 485, 617
Martin, III, Emory C., 59S
Mason, William D., 157
Maiza, Amor, 175
Marzo, Antonio, 473
McQueen, E. G., 575

0090-466X/91/1200-0733$06.50/0 © 1991 Plenum Publishing Corporation

Meistelman, Claude, 537
Melethil, Srikumaran, 157
Midha, Kamal K., 413
Miller, Ronald D., 713
Modi, Nishit B., 405

Nakagawa, Terumichi, 71
Nitz, Manfred, 553

Olson, Larry D., 413
Olson, Stephen C., 47S

Patrick, James E., 413
Peris-Ribera, Jose-Esteban, 647
Piortrovskii, Vladimir K., 311
Pla-Delfina, Jose M., 647
Pollack, Gary M., 189
Purves, R. D., 575

Reigner, Bruno G., 271
Rescigno, Aldo, 473
Roberts, Michael S., 575
Rodrigues, Rita, 713
Rowland, Malcolm, 1

Salazar, Daniel E., 521
Saito, Yoshihiro, 51
Sackellares, J. Chris, 413
Sambol, Nancy C., 79S
Schwieiger, Ian M., 145
Sheiner, Lewis B., 11S, 25S, 79S, 319, 333, 597, 691, 713
Shen, J., 575
Shibasaki, Hiromi, 113
Shimota, Hirotaka, 113
Siegel, Ronald A., 363
Smith, Randall B., 37S, 93S
Stanski, Donald R., 123, 377
Steimer, Jean-Louis, 287
Szlam, Fania, 145

Tanigawara, Yusuke, 51
Thomas, Gillian D., 227
Tomson, D. U., 337
Torres-Molina, Francisca, 647
Toussaint, Susanne, 553
Tozer, Thomas N., 271
Travis, C. C., 1
Tung, Ying, 87

Veng-Pedersen, Peter, 405, 617
Verotta, Davide, 319, 691, 713

Wagner, John G., 413
Wald, Jeffrey A., 521
Walawander, Cynthia A., 87
Wanwimolruk, S., 575
Weber, Willi, 553
Wells, Barbara G., 93S
White, Donald B., 87

Yagi, Betty H., 457
Yamaoka, Kiyoshi, 71
Yano, Yoshitaka, 71
Yasui, Hiroyuki, 71

Zurenko, Gary E., 457

Journal of Pharmacokinetics and Biopharmaceutics, Vol. 19, No. 6, 1991

Subject Index to Volume 19

Absorption, 413
Absorption rate, 485
Amino-β-lactam absorption, 271
Anesthetics, 123, 145
Antibodies, 227
Approximation, 405
Arterial-venous concentration difference, 71
Aspirin, 157

Baye's theorem, 497
Bias, 87
Biliary excretion, 189
Biphasic pharmacodynamic model, 123
Bioavailability, 497

Calculation formula, 405
Cefatrizine, 271
Cell trafficking, 521
Cephalexin, 71
Cinetidine, 175
Circadian variation, 287
Clinical trials, 87
Compartmental models, 227, 385, 413
Computer program, 405
Colony forming units, 457
Confidence intervals, 87
Corticosteroids, 521
Cyclosporin, 21

DCN 203-922, 287
Deconvolution, 485
Design, 333
Disposition, 413
Distribution study, 21
Dopaminomimetic drug, 287
Dose response, 333
Drug dosing, 405
Drug intervals, 405
Drug metabolism, 145
Drug targeting, 355

EEG, 485
Effect of buffer, 157
Electroencephalogram, 123
Elimination rate constant, 311
Enflurane, 145
Enterohepatic recirculation, 189
Experimental renal failure, 175
Extracorporeal, 385

FILT, 71
Flunarizine, 413
Flurbiprofen, 413

Glomerulo-tubular imbalance, 175
Glucocortoid receptors, 521
Glucuronidation, 189

Hepatic clearance, 598
Hepatic extraction, 598
Hormone, 287

Identifiability, 227
Immunoadsorption, 385
Input rate, 497
Intact nephron hypothesis, 175
Interspecies scaling, 21
Intravenous infusion, 21
Intrinsic clearance, 598

Ketamine, 145
Kinetics, 145

Labetalol, 145
Laplace transfer, 71
Linear pharmacokinetics, 405
Linear systems, 355
Linear systems analysis, 319
Liver perfusion, 598
Local disposition, 71

MAC, 145
Man, 21
Maximum entropy, 485

0090-466X/91/1200-0735$06.50/0 © 1991 Plenum Publishing Corporation

Mean residence time, 51
Mesoirdazine, 413
Metabolite formation, 553
Metabolite kinetics, 311
Methylchloride, 1
Methylchloroform, 1
Methylpredisolone, 521
Metroprolol, 71
Michaelis–Menten equation, 271
Michaelis–Menten parameters, 1
Midazolam, 485
Midazolam pharmacokinetics, 377
Modeling, 521, 537, 557
Model structure-independent assessment, 311
Moment analysis, 51
Monoclonal antibody, 385
Monoexponential model, 87
Monte Carlo, 1
Multicompartment systems, 485

N-1-methylnicotinamide, 553
Neuromuscular blocking drugs, 537
Nicotinic acid metabolite, 553
Nonlinear models, 227
NONMEM, 87, 485

Onset time, 537
Optimal dosing, 405
Organic cation, 553
Organs blood content, 21
Osmotic pumps, 21

p-aminohippurate, 51
p-aminohippuric acid, 175
Parallel-tube model, 598
Pharmacodynamics, 497, 537
Pharmacokinetics, 157, 355, 385, 537, 553
Pharmacokinetic models, 1
Pharmacokinetics/pharmacodynamic model, 287
Pharmacokinetics/pharmacodynamic modeling, 485
Pharmacokinetics/pharmacodynamics, 333
Physiologic flow models, 319
Physiologic modeling, 363
Physiologic pharmacokinetic model, 21
Placebo, 287
Population analysis, 333, 337
Population pharmacokinetics, 87
Postantibiotic effect, 457
Predisolone, 598
Prednisone, 598
Probenecid, 51
Prolactin, 287
Protein binding, 575
Pulmonary elimination, 71

Rats, 21, 157
Reabsorption, 189
Recirculation, 145
Recirculation model, 355
Recirculation pharmacokinetics, 51
Recirculatory, 71
Recirculatory modeling, 363
Regional delivery, 363
Renal clearance, 175
Renal excretion, 51
Residence times, 319
RIA, 21

Salicylate pharmacokinetics, 553
Saturable absorption, 271
Saturation of tubular reabsorption, 553
Sensitivity, 1
Simulation, 385
Simulations, 87, 287
Simulations of absorption models, 271
Spline smoothing, 287
Standard error, 87
Steady state, 405
Stochastic modeling, 363
Styrene, 1
System analysis, 553

Targeting, 363
Thiopental, 123
Transepithelial transport, 51
Tubular secretion, 21, 553
Tumor targeting, 227
Two-phase regression, 457
Type of renal disease, 175

Valproic acid, 189

Well-stirred model, 598